

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Fung-jou CHEN Julie M. BEDNARZ Jeffrey D. LINDSAY Joseph DiPALMA	Prior Application Group No.: 3761
Title:	ABSORBENT ARTICLE WITH CENTER FILL PERFORMANCE	Prior Application Examiner: J. A. Webb
Express Mail No.:	EV318091040US	
Date of Deposit:	15 September 2003	

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Rule 1.56, the references listed on the attached Form PTO-1449 were cited during prosecution of the patent application listed below, which is relied upon for an earlier filing date under 35 U.S.C. 120:

Title: ABSORBENT ARTICLE WITH CENTER  
FILL PERFORMANCE  
Applicant(s): Fung-jou CHEN et al.  
Serial No.: 09/165,875  
Filing Date: 02 October 1998  
Attorney Docket No.: KCC-14,105

and are hereby brought to the attention of the Examiner as possibly being material to examination of the subject application.

The following commonly-assigned, pending patent applications were also cited in the parent application:

08/912,906, Filing Date: 15 August 1997, by F.J. Chen et al. for WET RESILIENT WEBS AND DISPOSABLE ARTICLES MADE THEREWITH

08/997,287, Filing Date: 23 December 1997, by F.J. Chen et al. for DUAL-ZONED ABSORBENT WEBS

09/083,873, Filing Date: 22 May 1998, by F.J. Chen et al. for FIBROUS ABSORBENT MATERIAL AND METHODS OF MAKING THE SAME

60/079,657, Filing Date: 27 March 1998, by Andrew S. Burnes et al. for AN ABSORBENT SYSTEM FOR PERSONAL CARE PRODUCTS HAVING CONTROLLED PLACEMENT OF VISCO-ELASTIC FLUIDS, now abandoned

09/072,172, Filing Date: 05 May 1998, by A.S. Burns et al. for STABILIZED ABSORBENT MATERIAL AND SYSTEMS FOR PERSONAL CARE PRODUCTS HAVING CONTROLLED PLACEMENT OF VISCO-ELASTIC FLUIDS which claims priority over abandoned U.S. Patent Application Serial No. 60/079,657

09/119,602, Filing Date: 22 July 1998, by J.D. Cotton et al. for AN ELONGATED LIQUID, ABSORBENT PAD AND SYSTEM FOR COLLECTING LEAKS AND SPILLS

09/165,871, Filing Date: 02 October 1998, by F.J. Chen et al. for ABSORBENT ARTICLES HAVING GOOD BODY FIT UNDER DYNAMIC CONDITIONS

09/545,156, Filing Date: 07 April 2000, by P.A. Hansen et al. for SUPERABSORBENT-CONTAINING COMPOSITES which claims priority over abandoned U.S. Patent Application Serial No. 60/129,744

09/547,202, Filing Date: 12 April 2000, by W.L. Hamilton et al. for ABSORBENT ARTICLES WITH ABSORBENT FREE-FLOWING PARTICLES AND METHODS FOR PRODUCING THE SAME

09/547,203, Filing Date: 12 April 2000, by W.L. Hamilton et al. for ABSORBENT ARTICLES WITH NITS AND FREE-FLOWING PARTICLES

09/547,754, Filing Date: 12 April 2000, by W.L. Hamilton et al. for FIBROUS STRUCTURES INCLUDING A FIBER BUNDLE AND A DEBONDING AGENT which claims priority over abandoned U.S. Patent Application Serial No. 60/129,746

60/129,752, Filing Date: 16 April 1999, by W.G. Reeves et al. for METHOD OF MAKING AN ABSORBENT ARTICLE CONTAINING EUCALYPTUS NITS, now abandoned

Form PTO-1449 (20 pages) is enclosed. Copies of these references are not enclosed as they are contained in the file of the related parent application.

Respectfully submitted,



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<b>FORM PTO-1449</b> (MODIFIED)  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)	ATTY. DOCKET NO. KCC-14,105.4	SERIAL NO.
	APPLICANT(S) Fung-jou CHEN et al.	
	FILING DATE	GROUP

U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A1	H 1511	12/05/95	Chappell et al.	604	383	
	A2	H 1585	08/06/96	Ahr	604	378	
	A3	H 1614	11/05/96	Mayer et al.	604	385.1	
	A4	2,952,260	09/13/60	Burgeni	128	290	
	A5	3,211,147	10/12/65	Pherson et al.	128	284	
	A6	3,143,113	08/04/64	Mills	128	290	
	A7	3,343,543	09/26/67	Glassman	128	290	
Foreign Patent Documents							
							Trans.
Initials		Doc. No.	Date	Country	Class	Subclass	Yes No
	A1	CA 803,531	01/07/69	Canada			<input type="checkbox"/> <input type="checkbox"/>
Other Documents							
Initials		Author, Title, Date, Pages, etc.					
	A1	American Society for Testing Materials (ASTM) Designation: D 4032-82, "Standard Test Method for Stiffness of Fabric by the Circular Bend Procedure," pp. 702-706, published August 1982.					
	A2	American Society for Testing Materials (ASTM) Designation: D 3574-91, "Standard Test Methods for Flexible Cellular Materials--Slab, Bonded, and Molded Urethane Foams," Procedures C and H, published March 1992.					
	A3	Chatterjee, P.K., Editor, Absorbency, published by Elsevier, 1985, pp. 42-44.					
	A4	Dullien, F. A. L., Porous Media: Fluid Transport and Pore Structure, Academic Press, New York, 1979, pp. 78-83.					

KCC-2125-CON

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

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APPLICANT(S)

Fung-jou CHEN et al.

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GROUP

**U.S. PATENT DOCUMENTS**

Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A1	3,468,311	09/23/69	Gallagher	128	296	
	A2	3,556,932	01/19/71	Coscia et al.	162	166	
	A3	3,556,933	01/19/71	Williams et al.	162	167	
	A4	3,592,194	07/13/71	Duncan	128	287	
	A5	3,595,235	07/27/71	Jespersen	128	284	
	A6	3,700,623	10/24/72	Keim	260	80.3 R	
	A7	3,772,076	11/13/73	Keim	117	155 R	

**Foreign Patent Documents**

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Initials		Doc. No.	Date	Country	Class	Subclass	Yes	No
	A1	EP 0 549 784 B1	07/07/93	Europe	A61F	13/15	<input type="checkbox"/>	<input type="checkbox"/>

**Other Documents**

Initials		Author, Title, Date, Pages, etc.
	A1	Federal Specification UU-T-595b, "Towel, Wiping, Paper: Industrial And Institutional," April 4, 1967, 8 pages.
	A2	Federal Specification UU-T-595C, "Towel, Wiping, Paper: Industrial And Institutional," July 27, 1976, 8 pages.
	A3	Kallmes, O.J. et al., "The Gravimetric Absorbency Testing System (GATS)," Tappi Symposium - 1985 Nonwovens Symposium, pp. 231-235.
	A4	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

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**U.S. PATENT DOCUMENTS**

Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A1	3,885,158	05/20/75	Flutie et al.	250	440	
	A2	3,886,941	06/03/75	Duane et al.	128	287	
	A3	3,889,679	06/17/75	Taylor	128	287	
	A4	3,899,388	08/12/75	Petrovich et al.	162	164	
	A5	3,903,890	09/09/75	Mesek et al.	128	287	
	A6	3,954,107	05/04/76	Chesky et al.	128	290 R	
	A7	4,015,604	04/05/77	Csillag	128	287	
	A8	4,029,101	06/14/77	Chesky et al.	128	290 R	
	A9	4,059,114	11/22/77	Richards	128	287	
	A10	4,069,822	01/24/78	Buell	128	294	

**Foreign Patent Documents**

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	A2	WO 96/38232 A1	12/05/96	World - PCT	B05D	3/02	<input type="checkbox"/>	<input type="checkbox"/>
	A3	WO 97/34558 A1	09/25/97	World - PCT	A61F	13/15	<input type="checkbox"/>	<input type="checkbox"/>
	A4	WO 97/34559 A1	09/25/97	World - PCT	A61F	13/46	<input type="checkbox"/>	<input type="checkbox"/>
	A5	WO 98/00081 A1	01/08/98	World - PCT	A61F	13/15	<input type="checkbox"/>	<input type="checkbox"/>
	A6	WO 98/00082 A1	01/08/98	World - PCT	A61F	13/15	<input type="checkbox"/>	<input type="checkbox"/>
	A7	WO 98/24389 A1	06/11/98	World - PCT	A61F	13/15	<input type="checkbox"/>	<input type="checkbox"/>

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**U.S. PATENT DOCUMENTS**

Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A1	4,100,324	07/11/78	Anderson et al.	428	288	
	A2	4,129,528	12/12/78	Petrovich et al.	260	823	
	A3	4,147,586	04/03/79	Petrovich et al.	162	135	
	A4	4,222,921	09/16/80	Van Eenam	260	29.6 H	
	A5	4,324,246	04/13/82	Mullane et al.	128	287	
	A6	4,340,058	07/20/82	Pierce et al.	128	287	
	A7	4,342,314	08/03/82	Radel et al.	128	287	
	A8	4,397,644	08/09/83	Matthews et al.	604	378	
	A9	4,410,324	10/18/83	Sabee	604	368	
	A10	4,463,045	07/31/84	Ahr et al.	428	131	
	A11	4,476,180	10/09/84	Wnuk	428	220	
	A12	4,490,147	12/25/84	Pierce et al.	604	378	
	A13	4,522,967	06/11/85	Sheldon et al.	524	377	
	A14	4,524,474	06/25/85	Svensson	5	484	
	A15	4,556,146	12/03/85	Swanson et al.	206	440	
	A16	4,568,341	02/04/86	Mitchell et al.	604	368	
	A17	4,573,986	03/04/86	Minetola et al.	604	366	
	A18	4,578,070	03/25/86	Holtman	604	378	
	A19	4,578,071	03/25/86	Buell	604	379	
	A20	4,589,876 B1	04/27/93	Van Tilburg	604	385.1	
	A21	4,627,848	12/09/86	Lassen et al.	604	370	
	A22	4,636,209	01/13/87	Lassen	604	378	
	A23	4,643,726	02/17/87	Gegelys	604	368	
	A24	4,675,394	06/23/87	Solarek et al.	536	43	
	A25	4,676,784	06/30/87	Erdman et al.	604	368	
	A26	4,676,786	06/30/87	Nishino	604	378	
	A27	4,678,464	07/07/87	Holtman	604	385 R	
	A28	4,681,793	07/21/87	Linman et al.	428	138	

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Fung-jou CHEN et al.

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GROUP

**U.S. PATENT DOCUMENTS**

Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A1	4,687,478	08/18/87	Van Tilburg	604	387	
	A2	4,723,953	02/09/88	Rosenbaum et al.	604	369	
	A3	4,753,644	06/28/88	Cottenden et al.	604	378	
	A4	4,781,711	11/01/88	Houghton et al.	604	378	
	A5	4,787,896	11/29/88	Houghton et al.	604	385.1	
	A6	4,795,452	01/03/89	Blaney et al.	604	385.1	
	A7	4,879,170	11/07/89	Radwanski et al.	428	233	
	A8	4,936,839	06/26/90	Molee et al.	604	378	
	A9	4,950,264	08/21/90	Osborn, III	604	385.1	
	A10	4,973,325	11/27/90	Sherrod et al.	604	368	
	A11	4,981,557	01/01/91	Bjorkquist	162	168.2	
	A12	4,988,344	01/29/91	Reising et al.	604	368	
	A13	5,008,344	04/16/91	Bjorkquist	525	328.2	
	A14	5,009,653	04/23/91	Osborn, III	604	385.1	
	A15	5,048,589	09/17/91	Cook et al.	162	109	
	A16	5,085,736	02/04/92	Bjorkquist	162	168.2	
	A17	5,104,396	04/14/92	Oatley et al.	604	379	
	A18	5,147,343	03/17/98	Kellenberger	604	368	
	A19	5,151,091	09/29/92	Glaug et al.	604	385.1	
	A20	5,167,654	12/01/92	Yang	604	385.2	
	A21	5,188,625	02/23/93	Van Iten et al.	604	383	
	A22	5,242,435	09/07/93	Murji et al.	604	374	
	A23	5,267,992	12/07/93	Van Tilburg	604	387	
	A24	5,275,591	01/04/94	Mavinkurve	604	387	
	A25	5,281,208	01/25/94	Thompson et al.	604	378	
	A26	5,300,358	04/05/94	Evers	428	286	

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		FILING DATE	GROUP

U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Dat
	A1	5,348,547	09/20/94	Payne et al.	604	378	
	A2	5,350,624	09/27/94	Georger et al.	428	219	
	A3	5,356,405	10/18/94	Thompson et al.	604	384	
	A4	5,360,422	11/01/94	Brownlee et al.	604	385.2	
	A5	5,399,175	03/21/95	Glaug et al.	604	385.1	
	A6	5,399,412	03/21/95	Sudall et al.	428	153	
	A7	5,401,267	03/28/95	Couture-Dorschner et al.	604	384	
	A8	5,405,342	04/11/95	Roessler et al.	604	364	
	A9	5,423,786	06/13/95	Fung et al.	604	367	
	A10	5,429,629	07/04/95	Latimer et al.	604	378	
	A11	5,429,686	07/04/95	Chiu et al.	139	383 A	
	A12	5,460,623	10/24/95	Emenaker et al.	604	368	
	A13	5,490,846	02/13/96	Ellis et al.	604	366	
	A14	5,509,913	04/23/96	Yeo	604	364	
	A15	5,514,104	05/07/96	Cole et al.	604	366	
	A16	5,522,809	06/04/96	Larsonneur	604	361	
	A17	5,527,300	06/18/96	Sauer	604	378	
	A18	5,533,991	07/09/96	Kirby et al.	604	383	
	A19	5,545,156	08/13/96	DiPalma et al.	604	385.1	
	A20	5,562,645	10/08/96	Tanzer et al.	604	367	
	A21	5,562,650	10/08/96	Everett et al.	604	378	
	A22	5,575,786	11/19/96	Osborn, III	604	387	
	A23	5,591,148	01/07/97	McFall et al.	604	378	
	A24	5,591,150	01/07/97	Olsen et al.	604	385.1	
	A25	5,599,337	02/04/97	Mccoy	604	385.1	
	A26	5,607,551	03/04/97	Farrington, Jr. et al.	162	109	
	A27	5,611,790	03/18/97	Osborn, III et al.	604	391	

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Fung-jou CHEN et al.

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**U.S. PATENT DOCUMENTS**

Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A1	5,624,423	04/29/97	Anjur et al.	604	385.1	
	A2	5,643,238	07/01/97	Baker	604	368	
	A3	5,643,653	07/01/97	Griesbach, III et al.	428	120	
	A4	5,647,863	07/15/97	Hammons et al.	604	378	
	A5	5,649,916	07/22/97	DiPalma et al.	604	378	
	A6	5,662,633	09/02/97	Doak et al.	604	378	
	A7	5,672,248	09/30/97	Wendt et al.	162	109	
	A8	5,681,303	10/28/97	Mills et al.	604	385.2	
	A9	5,688,259	11/18/97	Osborn, III et al.	604	385.1	
	A10	5,692,939	12/02/97	DesMarais	442	373	
	A11	5,695,487	12/09/97	Cohen et al.	604	384	
	A12	5,746,732	05/05/98	Olsson et al.	604	385.2	
	A13	5,752,947	05/19/98	Awolin	604	387	
	A14	5,769,835	06/23/98	Fell et al.	604	385.2	
	A15	5,779,860	07/14/98	Hollenberg et al.	162	206	
	A16	5,792,129	08/11/98	Johansson et al.	604	387	
	A17	5,792,130	08/11/98	Widlund et al.	604	385.1	
	A18	5,807,365	09/15/98	Luceri	604	367	
	A19	5,807,367	09/15/98	Dilnik et al.	604	369	
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	A21						
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**U.S. PATENT DOCUMENTS**

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							APS	OTHER
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**FOREIGN PATENT DOCUMENTS**

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**NON-PATENT DOCUMENTS**

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\*A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure Section 707.05(a).)

\*\*APS encompasses any electronic search i.e. text, image, and Commercial Databases.

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Notice of References Cited

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APPLICANT(S)

Fung-jou CHEN et al.

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GROUP

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Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A1	1,843,037	01/26/32	Mathey			
	A2	3,029,817	04/17/62	Harwood et al.	128	290	
	A3	3,036,573	05/29/62	Voigtman et al.	128	290	
	A4	3,230,955	01/25/66	Joa et al.	128	290	
	A5	3,612,054	10/12/71	Matsuda et al.	128	287	
	A6	4,062,362	12/13/77	Schaar	128	287	
	A7	4,200,103	04/29/80	Black et al.	128	290 W	
	A8	4,405,326	09/20/83	Lenaghan	604	385	
	A9	4,657,538	04/14/87	Becker et al.	604	381	
	A10	4,773,905	09/27/88	Molee et al.	604	378	
	A11	4,963,139	10/16/90	Dabroski	604	378	
	A12	5,603,707	02/18/97	Trombetta et al.	604	383	
	A13						
	A14						

**Foreign Patent Documents**

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**Other Documents**

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	A1	
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Form PTO-1449 (Modified)

FORM PTO-1449  
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KCC-14,105.4

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Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A1	2,331,355	10/1943	Strongson			
	A2	4,758,240	07/1988	Glassman			
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**Foreign Patent Documents**

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**Other Documents**

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	A3	WO 98/31318 A1	07/1998	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>

**Other Documents**

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<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)		<b>APPLICANT(S)</b> Fung-jou CHEN et al.	
		<b>FILING DATE</b>	<b>GROUP</b>

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	A3	GB 2 233 235 A	01/1991	Great Britain			<input type="checkbox"/>	<input type="checkbox"/>
	A4	WO 83/03051 A1	09/1983	World – PCT (Engl. Abstr.)			<input type="checkbox"/>	<input checked="" type="checkbox"/>

  

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U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A1	2,064,431	12/1936	Jurgensen			
	A2	2,747,575	05/1956	Mercer			
	A3	2,787,271	04/1957	Clark			
	A4	3,395,201	07/1968	Kalwaites			
	A5	3,395,708	08/1968	Hervey et al.			
	A6	3,411,504	11/1968	Glassman			
	A7	3,430,630	03/1969	Megison et al.			
	A8	3,554,862	01/1971	Hervey et al.			
	A9	3,559,650	02/1971	Larson			
	A10	3,575,174	04/1971	Mogor			
	A11	3,585,104	06/1971	Kleinert			
	A12	3,599,388	08/1971	Feingold			
	A13	3,677,886	07/1972	Forsshlad et al.			
	A14	3,736,931	06/1973	Glassman			
	A15	3,836,336	09/1974	Yasui et al.			
	A16	3,901,236	08/1975	Assarsson et al.			
	A17	3,972,855	08/1976	Martinsson et al.			
	A18	4,144,122	03/1979	Emanuelsson et al.			
	A19	4,247,362	01/1981	Williams			
	A20	4,303,471	12/1981	Laursen			
	A21	4,327,728	05/1982	Elias			
	A22	4,351,699	09/1982	Osborn, III			
	A23	4,432,833	02/1984	Breese			
	A24	4,460,642	07/1984	Errede et al.			
	A25	4,476,323	10/1984	Hellsten et al.			
	A26	4,482,429	11/1984	Klowak			
	A27	4,482,833	11/1984	Weinert et al.			
	A28	4,594,130	06/1986	Chang et al.			

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Fung-jou CHEN et al.

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Initials		Doc. No.	Date	Name	Class	Subclass	Filing Dat
	A29	4,650,481	03/1987	O'Connor et al.			
	A30	4,654,161	03/1987	Kollmeier et al.			
	A31	4,655,759	04/1987	Romans-Hess et al.			
	A32	4,717,498	01/1988	Maxon			
	A33	4,793,898	12/1988	Laamanen et al.			
	A34	4,804,380	02/1989	Lassen et al.			
	A35	4,865,597	09/1989	Mason, Jr. et al.			
	A36	4,886,513	12/1989	Mason, Jr. et al.			
	A37	4,900,318	02/1990	Toth			
	A38	4,960,845	10/1990	O'Lenick, Jr.			
	A39	5,007,906	04/1991	Osborn, III et al.			
	A40	5,030,229	07/1991	Yang			
	A41	5,030,314	07/1991	Lang			
	A42	5,070,168	12/1991	O'Lenick, Jr.			
	A43	5,070,171	12/1991	O'Lenick, Jr.			
	A44	5,073,619	12/1991	O'Lenick, Jr.			
	A45	5,098,979	03/1992	O'Lenick, Jr.			
	A46	5,120,812	06/1992	O'Lenick, Jr. et al.			
	A47	5,135,294	08/1992	Ohshima et al.			
	A48	5,149,765	09/1992	O'Lenick, Jr.			
	A49	5,171,302	12/1992	Buell			
	A50	5,190,563	03/1993	Herron et al.			
	A51	5,196,499	03/1993	O'Lenick, Jr.			
	A52	5,197,959	03/1993	Buell			
	A53	5,225,047	07/1993	Graef et al.			
	A54	5,237,035	08/1993	O'Lenick, Jr. et al.			
	A55	5,280,099	01/1994	Imperante et al.			
	A56	5,296,434	03/1994	Karl et al.			

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Fung-jou CHEN et al.

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Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
	A57	5,300,055	04/1994	Buell			
	A58	5,300,666	04/1994	Imperante et al.			
	A59	5,324,278	06/1994	Visscher et al.			
	A60	5,348,620	09/1994	Hermans et al.			
	A61	5,484,430	01/1996	Osborn, III			
	A62	5,489,469	02/1996	Kobayashi et al.			
	A63	5,509,914	04/1996	Osborn, III			
	A64	5,558,656	09/1996	Bergman			
	A65	5,595,628	01/1997	Gordon et al.			
	A66	5,674,210	10/1997	Coles et al.			
	A67	5,702,378	12/1997	Widlund et al.			
	A68	5,711,970	01/1998	Lau et al.			
	A69	5,725,821	03/1998	Gannon et al.			
	A70	5,741,241	04/1998	Guidotti et al.			
	A71	5,755,710	05/1998	Menard			
	A72	5,766,213	06/1998	Hackman et al.			
	A73	5,772,845	06/1998	Farrington, Jr. et al.			
	A74	5,795,377	08/1998	Tanner et al.			
	A75	5,795,921	08/1998	Dyer et al.			
	A76	5,800,417	09/1998	Goerg-Wood et al.			
	A77	5,817,079	10/1998	Bergquist et al.			
	A78	5,824,004	10/1998	Osborn, III et al.			
	A79	5,837,184	11/1998	Firgo et al.			
	A80	5,843,852	12/1998	Dutkiewicz et al.			
	A81	5,851,648	12/1998	Stone et al.			
	A82	5,855,572	01/1999	Schmidt			
	A83	5,858,011	01/1999	Brown et al.			
	A84	5,858,021	01/1999	Sun et al.			

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	A85	5,866,242	02/1999	Tan et al.				
	A86	5,883,231	03/1999	Achter et al.				
	A87	5,888,345	03/1999	Knapick et al.				
	A88	5,914,125	06/1999	Andrews et al.				
	A89	5,935,383	08/1999	Sun et al.				
	A90	6,015,648	01/2000	Mitsumura et al.				
	A91	6,020,055	02/2000	Pearce				
	A92	6,020,536	02/2000	Österdahl et al.				
	A93	6,165,306	12/2000	Rajala				
	A94	6,172,276 B1	01/2001	Hetzler et al.				
	A95	6,198,019 B1	03/2001	Hansson et al.				
Foreign Patent Documents								
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	A3	DE 32 05 931 A1	09/1983	Germany			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	A4	EP 0 124 365 A1	11/1984	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A5	EP 0 136 524 A1	04/1985	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A6	EP 0 225 940 A1	06/1987	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A7	EP 0 366 079 A2	05/1990	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A8	EP 0 374 910 B1	06/1990	Europe (Eng. claims)			<input type="checkbox"/>	<input type="checkbox"/>
	A9	EP 0 395 223 A2	10/1990	Europe			<input type="checkbox"/>	<input type="checkbox"/>
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	A31	WO 00/63487 A1	10/2000	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>	
Other Documents									
Initials		Author, Title, Date, Pages, etc.							
	A1	American Society for Testing Materials (ASTM) Designation: D 1921-89, "Standard Test Methods for Particle Size (Sieve Analysis) of Plastic Materials <sup>1</sup> ," published August 1989.							
	A2	American Society for Testing Materials (ASTM) Designation: D 6128-97, "Standard Shear Testing Method for Bulk Solids Using the Jenike Shear Cell <sup>1</sup> ," published October 1998.							

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		APPLICANT(S) Fung-jou CHEN et al.	
		FILING DATE	GROUP

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**Other Documents**

Initials		Author, Title, Date, Pages, etc.
	A3	Austin, L.G. et al., "Size Reduction of Solids: Crushing and Grinding Equipment," Chapter 12 in <u>Handbook of Powder Science and Technology</u> , 2nd edition, Chapman & Hall, New York, 1997, pp. 586-634.
	A4	Disapio, Alfred J. et al., "Microporous Macrobeads Provide New Opportunities in Skin Care," <u>Soap &amp; Cosmetics</u> , Vol. 75, No. 2, February 1999, pp. 42-44, 46-47.
	A5	Hostetter, David W., "Comparing Kneading and Disk Dispersion," <u>PaperAge</u> , November 1995, pg. 16.
	A6	Kaye, Brian H., "Mixing of Powders," Chapter 11 in <u>Handbook of Powder Science &amp; Technology</u> , 2nd edition, Chapman & Hall, New York, 1997, pp. 568-585.
	A7	Main, Steve et al., "Retention Aids for High-Speed Paper Machines," <u>Tappi Journal</u> , Vol. 82, No. 4, April 1999, pp. 78-84.
	A8	O'Lenick Jr., Anthony J. et al., "Silicone Compounds: Not Just Oil Phases Anymore," <u>Soap/Cosmetics/Chemical Specialties</u> , June 1998, pp. 55-57.
	A9	Rahn, K. et al., "New Cellulosic Polymers By Subsequent Modification of 2,3-Dialdehyde Cellulose," <u>Cellulose Chemistry and Technology</u> , Vol. 32, 1998, pp. 173-183.
	A10	Shinohara, Kunio, "Fundamental and Rheological Properties of Powders," Chapter 4 in <u>Handbook of Powder Science &amp; Technology</u> , 2nd edition, Chapman & Hall, New York, 1997, pp. 96-145.

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**Foreign Patent Documents**

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	A3						<input type="checkbox"/>	<input type="checkbox"/>

**Other Documents**

Initials		Author, Title, Date, Pages, etc.
	A1	McCauley, N., "Vibrating and Gyrotory Screeners: Proper Installation Yields Top Performance", <u>Powder and Bulk Engineering</u> , Volume 13, Number 12, December 1999, pp. 35-39
	A2	
	A3	
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		<b>FILING DATE</b>	<b>GROUP</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5.342.337	08/1994	Runeman et al.			
	AB						
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**FOREIGN PATENT DOCUMENTS**

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	AN							
	AO							
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**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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